

Listing of Claims

Please add the new claims 42-52 listed below, and delete the claims 1-41. This listing of claims will replace all prior versions of claims and listings of claims in the application:

1-41. (canceled)

42. (new) A composite-coated structural wood construction product comprising:  
a lumber substrate;  
an intermediate layer coating a surface of the substrate; and  
an outer composite layer coating the intermediate layer,  
wherein the outer composite layer includes a polymer and an organic filler,  
wherein the organic filler is at least one of saw dust, wood flour, wood fibers, by-products of paper manufacturing, and recycled cellulose, and  
wherein at least one of the intermediate and outer layers is foamed.

43. (new) A composite-coated structural wood construction product according to claim 42, wherein the outer composite layer has an exterior surface substantially the same as an exterior surface of a non-structural plastic composite.

44. (new) A composite-coated structural wood construction product according to claim 42, wherein a combination of all organic fillers is substantially between 20% and 80% by weight of the outer composite layer.

45. (new) A composite-coated structural wood construction product according to claim 42, wherein the combination of all organic fillers is substantially between 30% and 60% by weight of the outer composite layer.

46. (new) A composite-coated structural wood construction product according to claim 42, wherein the foamed composite layer has substantially between 5% and 80% less weight than an unfoamed composite layer with substantially the same volume as the foamed composite layer.

47. (new) A composite-coated structural wood construction product according to claim 42, wherein the foamed composite layer has substantially between 10% and 50% less weight than an unfoamed composite layer with substantially the same volume as the foamed composite layer.

48. (new) A composite-coated structural wood construction product according to claim 42, wherein the outer composite layer further includes a biocide.

49. (new) A composite-coated structural wood construction product according to claim 42, wherein the substrate includes one of solid wood, compressed wood, and particle board.

50. (new) A composite-coated structural wood construction product according to claim 42, wherein the substrate is treated with a protecting agent.

51. (new) A composite-coated structural wood construction product according to claim 42, wherein the intermediate layer includes an adhesive.

52. (new) A composite-coated structural wood construction product according to claim 42, wherein at least one of the intermediate and outer composite layers is a coextruded layer.